

CLAIMS

The embodiments of the invention in which an exclusive property or privilege is claimed are defined as follows:

- 1 1. A method for providing content, comprising:
2 determining a plurality of content segments;
3 determining a device associated with a recipient of said plurality of content
4 segments; and
5 providing a first of said plurality of content segments to said device at a first time
6 and a second of said plurality of content segments to said device at a second time,
7 wherein display of a content segment by said device may interrupt operation of said
8 device.
- 1 2. The method of claim 1, wherein said determining a plurality of content segments
2 includes at least one of the following:
3 selecting said plurality of content segments;
4 determining bandwidth of a communication channel to said device;
5 selecting said plurality of content segments based, at least in part, on available
6 bandwidth of a communication channel to said device;
7 determining at least one time window of opportunity to provide said first of said
8 plurality of content segments to said device;
9 selecting said first of said plurality of content segments based, at least in part, on
10 availability of said device;
11 selecting said first of said plurality of content segments based, at least in part, on
12 availability of a communication channel to said device;
13 selecting said first of said plurality of content segments based, at least in part, on
14 demographic information regarding said recipient; and

3 determining an address for said device;
4 determining a communication channel to said device;
5 determining accessibility of said device;
6 receiving a notification regarding said device from said recipient;
7 receiving a request to provide said first and second of said plurality of content
8 segments to a specific device;
9 receiving a command from said recipient to provide said first and second of said
10 plurality of content segments to a specific device; and
11 selecting said device from a plurality of devices associated with said recipient.

1 7. The method of claim 1, further comprising:
2 determining said first time and said second time.

1 8. The method of claim 7, wherein said determining said first time and said second
2 time includes at least one of the following:

3 determining a time interval associated with said first and second of said plurality
4 of content segments, wherein said second time occurs said time interval after said first
5 time;

6 determining a time interval associated with said plurality of content segments,
7 wherein said second time occurs at least said time interval after said first time;

8 determining a time interval associated with said recipient, wherein said second
9 time occurs at least said time interval after said first time;

10 determining a time interval associated with said device, wherein said second time
11 occurs at least said time interval after said first time;

12 determining a time interval associated with said plurality of content segments,
13 wherein said first time occurs at least said time interval after receipt of a request to
14 provide said plurality of content segments; and

15 determining a time interval associated with said plurality of content segments,
16 wherein said first time occurs at least said time interval after receipt of a request to

17 provide said content segments and said second time occurs at least said time interval after
18 said first time.

1 9. The method of claim 7, wherein said determining said first time and said second
2 time includes at least one of the following:
3 receiving a notification regarding said first time from said recipient;
4 receiving a notification regarding said first time from said device;
5 determining accessibility of said device;
6 determining an attribute of said recipient;
7 determining an attribute of said device;
8 selecting said first time at random;
9 selecting said first time to be during a period of accessibility of said device;
10 selecting said first time based, at least in part, on an external event;
11 selecting said first time based, at least in part, on an attribute of said recipient;
12 selecting said first time based, at least in part, on an attribute of said device; and
13 selecting said second time based, at least in part, on a length of time between said
14 first time and a time at which a response to said first of said plurality of content segments
15 is received.

1 10. The method of claim 7, wherein said determining said first time and said second
2 time includes at least one of the following:
3 determining said first time based, at least in part, on a number of content segments
4 in said plurality of content segments;
5 determining said first time based, at least in part, on a length of time available to
6 display said plurality of content segments;
7 determining said first time based, at least in part, on a minimum length of time to
8 be used to display all of said plurality of content segments;
9 determining said first time based, at least in part, on a maximum length of time to
10 be used to display all of said plurality of content segments;

11 determining said first time based, at least in part, on a format of said first of said
12 plurality of content segments; and
13 determining said second time based, at least in part, on a response provided to
14 said first of said plurality of content segments.

1 11. The method of claim 1, wherein said providing said first of said plurality of
2 content segments to said device at a first time and said second of said plurality of content
3 segments to said device at a second time includes at least one of the following:

4 providing said both said first and said second of said plurality of content segments
5 to said device prior to said first time and allowing said device to display said first of said
6 plurality of content segments at said first time and said second of said plurality of content
7 segments at said second time; and

8 providing said both said first and said second of said plurality of content segments
9 to said device at said first time and allowing said device to display said first of said
10 plurality of content segments at said first time and said second of said plurality of content
11 segments at said second time.

1 12. The method of claim 1, wherein said providing said first of said plurality of
2 content segments to said device at a first time and said second of said plurality of content
3 segments to said device at a second time includes at least one of the following:

4 providing to said device at said first time data indicative of a location of said first
5 of said plurality of content segments;

6 providing to said device at said second time data indicative of a location of said
7 second of said plurality of content segments;

8 providing to said device data indicative of a location of said first of said plurality
9 of content segments and data indicative of a location of said second of said plurality of
10 content segments and allowing said device to retrieve said first of said plurality of content
11 segments at said first time and said second of said plurality of content segments at said
12 second time;

13 providing to said device data indicative of a location of said first of said plurality
14 of content segments and data indicative of a location of said second of said plurality of
15 content segments and allowing said device to retrieve said first of said plurality of content
16 segments prior to said first time and said second of said plurality of content segments
17 prior to said second time; and

18 providing to said device data indicative of a location of said first of said plurality
19 of content segments and data indicative of a location of said second of said plurality of
20 content segments, allowing said device to retrieve said first of said plurality of content
21 segments prior to said first time and said second of said plurality of content segments
22 prior to said second time, and allowing said device to display said first of said plurality of
23 content segments at said first time and said second of said plurality of content segments
24 at said second time.

1 13. The method of claim 1, wherein said providing said first of said plurality of
2 content segments to said recipient at a first time and said second of said plurality of
3 content segments to said recipient at a second time includes at least one of the following:
4 interrupting display of a content segment by said device by displaying said first of
5 said plurality of content segments on said device;
6 interrupting operation of said device and displaying said first of said plurality of
7 content segments on said device; and
8 interrupting operation of software on said device and displaying said first of said
9 plurality of content segments on said device.

1 14. The method of claim 1, wherein at least one of said plurality of content segments
2 includes at least one of the following:
3 educational content;
4 an advertisement;
5 a survey;
6 a question;

7 an animation;
8 a sound file;
9 a video clip;
10 a multimedia file;
11 an image;
12 software code;
13 text material; and
14 rich media.

1 15. The method of claim 1, further comprising at least one of the following:
2 allowing said recipient to select at least one of said plurality of content segments;
3 and
4 allowing said recipient to select all of said plurality of content segments.

1 16. The method of claim 1, further comprising at least one of the following:
2 receiving a notification regarding a selection of at least one of said plurality of
3 content segments;
4 receiving a notification regarding accessibility of said device;
5 receiving a notification regarding a communication channel to said device;
6 selecting said first of said plurality of content segments based, at least in part, on
7 an attribute of said device; and
8 selecting said first of said plurality of content segments based, at least in part, on
9 an attribute of said recipient.

1 17. The method of claim 1, wherein said determining a plurality of content segments
2 includes identifying said plurality of content segments after receiving a request to provide
3 said plurality of content segments.

1 18. The method of claim 17, wherein said identifying said plurality of content
2 segments includes at least one of the following:
3 selecting said plurality of content segments based, at least in part, on said
4 recipient;
5 selecting said plurality of content segments based, at least in part, on said device;
6 and
7 selecting said plurality of content segments based, at least in part, on said request.

1 19. The method of claim 17, wherein said request includes at least one of the
2 following:
3 information regarding a communication channel for delivery of said plurality of
4 content segments;
5 information regarding a format for said plurality of content segments;
6 information regarding said recipient;
7 information regarding said device;
8 an identifier associated with said plurality of content segments;
9 an identifier associated with said device; and
10 an identifier associated with said recipient.

1 20. The method of claim 1, wherein said first and second of said plurality of content
2 segments are stored on said device.

1 21. The method of claim 1, wherein an interruption of said operation of said device
2 includes at least one of the following:
3 an interruption in display of material by said device;
4 an interruption in display of material by software operating on said device;
5 a delay in use of data by software operating on said device;
6 a delay in use of data by said device;
7 a delay in manipulation of data by software operating on said device;

8 a delay in manipulation of data by said device;
9 a display of a window by said device;
10 a display of a window by software operating on said device;
11 a display of an image by said device;
12 a change in display of material by said device from foreground to background;
13 a change in display of material by said device from background to foreground;
14 a change in display of material by software operating on said device from
15 foreground to background;
16 a change in display of material by software operating on said device from
17 background to foreground;
18 a delay in operation of a software program operating on said device while a
19 content segment is displayed by said device;
20 a delay in visual display of data by said device;
21 a delay in transmission of data by said device;
22 a delay in storage of data by said device;
23 a delay in reception of data by said device;
24 a delay in transmission of data by software operating on said device;
25 a delay in storage of data by software operating on said device;
26 a delay in reception of data by software operating on said device;
27 a prevention of use of at least one feature of said device while a content segment
28 is displayed by said device;
29 a prevention of use of at least one feature of software operating on said device
30 while a content segment is displayed by said device;
31 a suspension of usability of said device while a content segment is displayed by
32 said device; and
33 a suspension of usability of software operating on said device while a content
34 segment is displayed by said device.

1 22. The method of claim 1, further comprising:

2 providing said first of said plurality of content segments to said first device and
3 said second of said plurality of content segments to said second device.

1 37. The method of claim 35, further comprising:
2 providing data indicative of a location of said first of said plurality of content
3 segments to said first device and data indication of a location of said second of said
4 plurality of content segments to said second device.

1 38. The method of claim 35, wherein display of said first content segment by said
2 first device may interrupt operation of said first device.

1 39. The method of claim 35, wherein display of said second content segment by said
2 second device may interrupt operation of said second device.

1 40. A method for providing content, comprising:
2 determining a plurality of content segments;
3 determining a device associated with a recipient of said plurality of content
4 segments;
5 providing at least two of said plurality of content segments to said device; and
6 allowing said device to display a first of said plurality of content segments at a
7 first time and a second of said plurality of content segments at a second time, wherein
8 display of a content segment by said device may interrupt operation of said device.

1 41. The method of claim 40, wherein said first and second of said plurality of content
2 segments are stored on said device.

1 42. A method for providing content with a portion of software, comprising:
2 determining a portion of software;
3 determining a plurality of content segments;

4 establishing a relationship between said portion of software and said plurality of
5 content segments such that a first of said plurality of content segments may be displayed
6 by a device at a first time when said portion of software is operating on said device and
7 such that an interruption of use of said portion of software on said device will occur when
8 said first of said plurality of content segments is displayed by said device; and

9 establishing a relationship between said portion of software and said plurality of
10 content segments such that a second of said plurality of content segments may be
11 displayed by said device at a second time when said portion of software is operating on
12 said device and such that an interruption of use of said portion of software on said device
13 will occur when said second of said plurality of content segments is displayed by said
14 device.

1 43. The method of claim 42, wherein said first and second of said plurality of content
2 segments are stored on said device.

1 44. The method of claim 42, further comprising:
2 providing said plurality of content segments.

1 45. The method of claim 44, further comprising:
2 providing said portion of software.

1 46. A method for providing content with a portion of software, comprising:
2 determining a portion of software;
3 determining a plurality of content segments;
4 establishing a relationship between said portion of software and said plurality of
5 content segments such that a first of said plurality of content segments may be displayed
6 by a device at a first time when said portion of software is operating on said device and
7 such that an interruption of use of said device will occur when said first of said plurality
8 of content segments is displayed by said device; and

9 establishing a relationship between said portion of software and said plurality of content
10 segments such that a second of said plurality of content segments may be displayed by
11 said device at a second time when said portion of software is operating on said device and
12 such that an interruption of use of said device will occur when said second of said
13 plurality of content segments is displayed by said device.

1 47. A method for providing content with a portion of software, comprising:
2 determining a portion of software;
3 determining a plurality of content segments;
4 establishing a relationship between said portion of software and said plurality of
5 content segments such that a first of said plurality of content segments may be displayed
6 by a device at a first time when said portion of software is operating on said device and
7 such that an interruption of use of software other than said portion of software and
8 operating on said device will occur when said first of said plurality of content segments is
9 displayed by said device; and
10 establishing a relationship between said portion of software and said plurality of
11 content segments such that a second of said plurality of content segments may be
12 displayed by said device at a second time when said portion of software is operating on
13 said device and such that an interruption of use of software other than said portion of
14 software and operating on said device will occur when said second of said plurality of
15 content segments is displayed by said device.

1 48. A method for providing content segments with a portion of software, comprising:
2 bundling a portion of software and a plurality of content segments such that said
3 plurality of content segments may be displayed by a device when said portion of software
4 is operated with said device and such that an interruption of operation of said portion of
5 software will occur during display of a content segment; and
6 providing a bundled arrangement of said portion of software and said plurality of
7 content segments.

9 provide a first of said plurality of content segments to said device at a first
10 time and a second of said plurality of content segments to said device at a second
11 time, wherein display of a content segment by said device may interrupt operation
12 of said device.

1 54. A computer program product in a computer readable medium for facilitating
2 display of at least one content segment, comprising:
3 first instructions for identifying determining a first content segment and a second
4 content segment;
5 second instructions for identifying at least one device associated with a recipient
6 of said first and second content segments; and
7 third instructions for sending said first content segment to said device at a first
8 time and said second content segment to said device at a second time, wherein display of
9 a content segment by said device may interrupt operation of said device.